

Metal ANEMOMETER PROBE

Model : YK-200PAM

ISO-9001, CE, IEC1010



FEATURES

- * Anemometer probe (YK-200PAM) connect with YK-2001TM will become a professional Anemometer
- * Metal vane structure, heavy duty.
- * Low-friction vane wheel assures high accuracy measurement result both in high or low velocities.
- * Plug and play function, whenever you plug Anemometer probe in YK-2001TM, no calibration procedures are required to be done.
- * Multi-functions for air flow measurement: m/s, km/h, ft/min, knots, mile/h, °C, °F
- * Thermistor sensor for Temp. measurement fast response time.
- * Two temperature units, i.e. °C or °F.
- * Wide applications: air conditioning, heating systems measure air velocities, wind speed and temperature...etc.



LUTRON ELECTRONIC

The Art of Measurement

Metal Vane

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* Multi-functions for air flow measurement: m/s, km/h, ft/min, knots, mile/h, °C, °F	
* Thermistor sensor for Temp. measurement fast response time.	
* Microprocessor circuit.	
* Dual LCD display, show both wind velocity & temp. values.	
* Records Maximum and Minimum readings with RECALL facilities.	
* Data hold function.	
* Auto shut off prolongs battery life.	
* RS 232 PC serial interface.	
* Two temperature units, i.e. °C or °F.	
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GENERAL SPECIFICATIONS	
Circuit	Custom one-chip microprocessor LSI circuit.
Measurement	<i>Air velocity :</i> m/s, km/h, mile/h, knots, ft/min. <i>Temperature :</i> °C, °F.
Memory Recall	Records Maximum and Minimum readings with RECALL facility.
Power off	Manual power off by push button or Auto power off (Not activated during memory record function).
Data Output	RS 232 PC serial interface.
Over load indication	Indicated by "- - - -".
Sampling Time	Approx. 0.8 second.
Operating Temperature	0 to 50 °C
Operating Humidity	Max. 80% RH.
Size	Probe : Round, 70 mm Dia. x 140 mm length.
Accessories Included	Instruction manual..... 1 PC. Anemometer probe..... 1 PC.

ELECTRICAL SPECIFICATIONS(23 ± 5°C)			
Anemometer			
<i>Unit</i>	<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
m/s	0.4 - 35.0 m/s	0.1 m/s	± (2 % + 2 d) F. S.
km/h	1.4 - 126.0 km/h	0.1 km/h	
mile/h	0.9 - 78.3 mph	0.1 mile/h	
knots	0.8 - 68.0 knots	0.1 knots	
ft/min	79 - 6890 ft/min	1 ft/min	± (2 % + 20 ft/min) F. S.
F. S. = full scale			
m/s - meters per second		km/h - kilometers per hour	
ft/min - feet per minute		knots - nautical miles per hour	
mile/h - miles per hour		(international knot)	
Temperature			
<i>Measuring Range</i>	0 °C to 60 °C/32 °F to 140 °F		
<i>Resolution</i>	0.1 °C/0.1 °F		
<i>Accuracy</i>	± 0.8 °C/1.5 °F		

* Appearance and specifications listed in this brochure are subject to change without notice.

0510-YK200PAM